

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	56	fukuda-yoshinobu.in. fukuda-yoshinobu-\$in.	US-PGPRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L2	18	namba-hideaki.in. namba-hideaki-\$in.	US-PGPRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L3	15	L2 not L1	US-PGPRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L4	71	L1 L3	US-PGPRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L5	18	("1524771"   "1896025"   "4548309"   "4967893"   "5779018"   "5878857"   "5904234").PN.	US-PGPRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L6	158	rivet with (body with (step or stepped))	US-PGPRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L7	654	((multiple\$disk or multi\$plate or multi\$disc or multi\$disk) adj clutch) and ((input adj (rotor or disk or disc)) or (pressure adj plate) or (friction adj (plate or disk or disc)) with iron)	US-PGPRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L8	32	L7 and iron	US-PGPRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L9	22	("4537296"   "4549641").PN. OR ("4635780").URPN.	US-PGPRUB; USPAT; USOCR	OR	OFF	2010/02/18 14:51
L10	1	GB-2133115-A	US-PGPRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L11	2	"5927459".pn.	US-PGPRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L12	1	GB-2300679-A	US-PGPRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L13	2	"5127499".pn.	US-PGPRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L14	197	L4 L5 L6 L8 L9 L10 L11 L12 L13	US-PGPRUB; USPAT; USOCR	OR	OFF	2010/02/18 14:51
L15	139	192/55.61.ccls.	US-PGPRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L16	139	L15 not L14	US-PGPRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51

L17	336	L14 L16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L18	161	192/214.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L19	148	L18 not L17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L20	484	L17 L19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L21	146	192/89.24.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L22	141	L21 not L20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L23	625	L20 L22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L24	321	192/89.23.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L25	302	L24 not L23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L26	927	L23 L25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L27	530	192/70.17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L28	441	L27 not L26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L29	1368	L26 L28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L30	498	192/70.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L31	468	L30 not L29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L32	1836	L29 L31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L33	700	192/70.27.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L34	471	L33 not L32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51

L35	2307	L32 L34	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L36	4	((biasing adj member) with (wavy adj spring)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L37	100	((clutch) and (wavy adj spring)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L38	15	bias and L37	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L39	820	((clutch) and ((wavy or wave or waving) adj spring)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L40	312	bias and L39	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L41	6	((multiple\$disk or multi\$plate or multi\$disc or multi\$disk) adj clutch) and ((input adj (rotor or disk or disc)) or (pressure adj plate) or (friction adj (plate or disk or disc))) and L40	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L42	9	((retaining or retainer or coupling or coupler) adj plate) and L40	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:51
L43	9	L42 not L41	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:51
L44	2338	L36 L38 L41 L43 L35	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:51
L45	96	okazaki-masaharu.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L46	2	L45 and multiple	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L47	2340	L44 L46	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:51
L48	2542877	@pd> = "20090223"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:53
L49	44	47 and 48	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:53
L50	2340	47 49	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 14:55
L51	310832	clutch	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:56
L52	112575	friction WITH (disk or disc or plate)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:56

L53	31297	friction adj2 (disk or disc or plate)	US-PGPIUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:56
L54	1834276	carbon	US-PGPIUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:56
L55	495	53 WITH 54	US-PGPIUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:57
L56	194	51 and 55	US-PGPIUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 14:57
L57	1489	192/70.14,70.17,70.19,70.2.cds.	US-PGPIUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 15:25
L58	120	54 and 57	US-PGPIUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 15:25
L59	99	58 not 56	US-PGPIUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 15:25
L60	293	56 59	US-PGPIUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 15:33
L64	330	{"1016427"   "1131769"   "1330965"   "1344399"   "1402129"   "1423833"   "1455587"   "1460454"   "1510123"   "1526203"   "1531341"   "1549976"   "1554394"   "1573217"   "1665999"   "1717534"   "1727142"   "1746805"   "1756428"   "1756731"   "1803077"   "1803430"   "1855937"   "1896914"   "1954190"   "1963188"   "1977368"   "1982235"   "2002943"   "2016305"   "2038016"   "2158244"   "2174316"   "2190874"   "2276416"   "2286502"   "2441140"   "2910148"   "2925897"   "3010555"   "3033326"   "3075691"   "3236347"   "3261440"   "3295572"   "3300853"   "3334716"   "3410382"   "3417844"   "3441320"   "3473637"   "3519037"   "3552533"   "3557923"   "3613851"   "3620635"   "3639197"   "3640365"   "3666062"   "3692150"   "3695407"   "3724612"   "3752268"   "3759353"   "3765514"   "3791499"   "3791500"   "3793689"   "3863747"   "3887041"   "3894621"   "3902578"   "3917043"   "3926285"   "3931876"   "3932568"   "3934686"   "3970174"   "3983974"   "3994370"   "3994378"   "4020937"   "4022310"   "4026393"   "4055236"   "4095683"   "4101015"   "4108286"   "4111291"   "4117912"   "4124318"   "4132294"   "4142619"   "4159656"   "4225025"   "4236620"   "4249642"   "4254855"   "4280598"   "4286694"   "4368810"   "4383594"   "4425994"   "4430064"   "4450943"   "4456356"   "4466524"   "4485908"	US-PGPIUB; USPAT; USOCR	OR	OFF	2010/02/18 16:00

		"4537295"   "4553655"   "4574449"   "4575210"   "4601377"   "4605114"   "4611701"   "4615426"   "4645041"   "4651857"   "4662239"   "4676357"   "4677836"   "4678071"   "4687087"   "4696376"   "4697685").PN. OR ("4744448"   "4779476"   "4796045"   "4809834"   "4828091"   "4846326"   "4883153"   "4890132"   "4911533"   "4940124"   "5123510"   "5123511"   "5127499"   "5127504"   "5127505"   "5137131"   "5181594"   "5205388"   "5284232"   "5301779"   "5305943"   "5318390"   "5320205"   "5355984"   "5383544"   "5385224"   "5404979"   "5505286"   "5509519"   "5638932"   "5743367"   "5765674"   "5779018"   "5857546"   "5960921"   "Re19876"). PN. OR ("2003/0024788"   "2003/0213670"   "2007/0119679"   "4281881"   "4790419"   "4967893"   "5007517"   "5052781"   "5123511"   "5127499"   "5127504"   "5301779"   "5415262"   "5494143"   "5743367"   "5904234"   "6021878"   "6026944"). URPN.				
L65	259	64 not 60	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 16:00
L66	26	54 and 65	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 16:00
L67	319	60 66	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 16:02
S1	55	fukuda-yoshinobu.in. fukuda-yoshinobu- \$.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 13:19
S2	18	namba-hideaki.in. namba-hideaki-\$.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 13:37
S3	15	S2 not S1	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 13:37
S5	70	S1 S3	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 13:39
S7	18	("1524771"   "1896025"   "4548309"   "4967893"   "5779018"   "5878857"   "5904234").PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 13:41
S9	146	rivet with (body with (step or stepped))	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/20 16:52
S18	613	((multiple\$disk or multi\$plate or multi \$disc or multi\$disk) adj clutch) and (((input adj (rotor or disk or disc)) or (pressure adj plate) or (friction adj (plate or disk or disc)) with iron)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 14:36

S19	30	S18 and iron	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 14:37
S22	22	("4537296"   "4549641").PN. OR ("4635780").URPN.	US-PGFB; USPAT; USOCR	OR	OFF	2009/02/22 15:58
S23	1	GB-2133115-A	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 16:27
S24	2	"5927459".pn.	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 17:09
S26	1	GB-2300679-A	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 18:33
S27	2	"5127499".pn.	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/22 18:38
S28	55	fukuda-yoshinobu.in. fukuda-yoshinobu- \$.in.	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S29	18	namba-hideaki.in. namba-hideaki-\$.in.	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S30	15	S29 not S28	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S31	70	S28 S30	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S32	18	("1524771"   "1896025"   "4548309"   "4967893"   "5779018"   "5878857"   "5904234").PN.	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S33	146	rivet with (body with (step or stepped))	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S34	613	((multiple\$disk or multi\$plate or multi \$disk or multi\$disk) adj clutch) and ((input adj (rotor or disk or disc)) or (pressure adj plate) or (friction adj (plate or disk or disc)) with iron)	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S35	30	S34 and iron	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S36	22	("4537296"   "4549641").PN. OR ("4635780").URPN.	US-PGFB; USPAT; USOCR	OR	OFF	2009/02/23 10:27
S37	1	GB-2133115-A	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S38	2	"5927459".pn.	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S39	1	GB-2300679-A	US-PGFB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27

S40	2	"5127499".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:27
S41	191	S31 S32 S33 S35 S36 S37 S38 S39 S40	US-PGRUB; USPAT; USOCR	OR	OFF	2009/02/23 10:27
S43	135	192/55.61.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:28
S44	135	S43 not S41	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:28
S45	326	S41 S44	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:52
S46	159	192/214.1.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:53
S47	146	S46 not S45	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 10:53
S48	472	S45 S47	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:30
S49	145	192/89.24.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:31
S50	140	S49 not S48	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:31
S51	612	S48 S50	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:40
S52	320	192/89.23.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:41
S53	301	S52 not S51	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:41
S54	913	S51 S53	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:48
S55	515	192/70.17.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:48
S56	427	S55 not S54	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:48
S57	1340	S54 S56	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:02
S58	486	192/70.2.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:02
S59	456	S58 not S57	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:02

S60	1796	S67 S59	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:12
S61	699	192/70.27.ccls.	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:12
S62	470	S61 not S60	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:12
S63	2266	S60 S62	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:35
S64	3	((biasing adj member) with (wavy adj spring))	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:03
S65	96	((clutch) and (wavy adj spring))	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:05
S66	15	bias and S65	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:05
S67	776	((clutch) and ((wavy or wave or waving) adj spring))	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:13
S68	761	S67 not S66	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:14
S69	300	bias and S67	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:14
S70	5	((multiple\$disk or multi\$plate or multi\$disc or multi\$disk) adj clutch) and ((input adj (rotor or disk or disc)) or (pressure adj plate) or (friction adj (plate or disk or disc))) and S69	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 15:15
S71	8	((retaining or retainer or coupling or coupler) adj plate) and S69	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/23 15:16
S72	8	S71 not S70	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/23 15:17
S73	2294	S64 S66 S70 S72 S63	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/23 16:27
S78	95	okazaki-masaharu.in.	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 20:03
S79	2	S78 and multiple	US-PGFPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/23 20:03

2/18/10 4:02:51 PM

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